

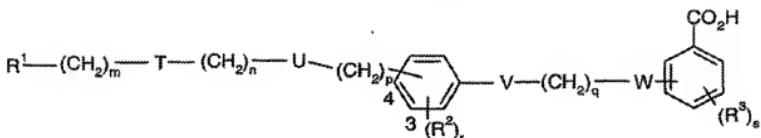
**In the Claims:**

The current status of all claims is listed below and supersedes all previous lists of claims.

Please cancel claims 1-3, 7, 8, 13, and 14 without prejudice to their presentation in another application, amend claims 6, 10, and 11, and add new claims 15-20 as follows:

1-5. (canceled).

6. (currently amended) A compound according to claim 1 in which formula I



wherein:

R¹ represents aryl optionally substituted by a heterocyclic group or a heterocyclic group optionally substituted by aryl wherein each aryl or heterocyclic group is optionally substituted by one or more of the following groups:

- a C<sub>1-6</sub>alkyl group;
- a C<sub>1-6</sub>acyl group;
- arylC<sub>1-6</sub>alkyl, wherein the alkyl, aryl, or alkylaryl group is optionally substituted by one or more R<sup>b</sup>;
- halogen;
- CN and NO<sub>2</sub>;
- NR<sup>c</sup>COOR<sup>a</sup>;
- NR<sup>c</sup>COR<sup>a</sup>;
- NR<sup>c</sup>R<sup>a</sup>;
- NR<sup>c</sup>SO<sub>2</sub>R<sup>d</sup>;
- NR<sup>c</sup>CONR<sup>k</sup>R<sup>e</sup>;

-NR<sup>c</sup>CSNR<sup>a</sup>R<sup>k</sup>,  
-OR<sup>a</sup>,  
-OSO<sub>2</sub>R<sup>d</sup>,  
-SO<sub>2</sub>R<sup>d</sup>,  
-SOR<sup>d</sup>,  
-SR<sup>c</sup>,  
-SO<sub>2</sub>NR<sup>a</sup>R<sup>f</sup>,  
-SO<sub>2</sub>OR<sup>a</sup>,  
-CONR<sup>c</sup>R<sup>a</sup>,  
-OCONR<sup>f</sup>R<sup>a</sup>,

wherein R<sup>a</sup> represents H, a C<sub>1-6</sub>alkyl group, aryl or arylC<sub>1-6</sub>alkyl group wherein the alkyl, aryl or arylC<sub>1-6</sub>alkyl group is optionally substituted one or more times by R<sup>b</sup>, wherein R<sup>b</sup> represents C<sub>1-6</sub>alkyl, aryl, arylC<sub>1-6</sub>alkyl, cyano, -NR<sup>c</sup>R<sup>d</sup>, =O, halo, -OH, -SH, -OC<sub>1-4</sub>alkyl, -Oaryl, -OC<sub>1-4</sub>alkylaryl, -COR<sup>c</sup>, -SR<sup>d</sup>, -SOR<sup>d</sup>, or -SO<sub>2</sub>R<sup>d</sup>, wherein R<sup>c</sup> represents H, C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl and R<sup>d</sup> represents C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl;

wherein R<sup>f</sup> represents hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>acyl, aryl, arylC<sub>1-4</sub>alkyl and R<sup>a</sup> is as defined above; and

R<sup>k</sup> represents hydrogen, C<sub>1-4</sub>alkyl, aryl, aryl C<sub>1-4</sub>alkyl;

the group -(CH<sub>2</sub>)<sub>m</sub>T-(CH<sub>2</sub>)<sub>n</sub>-U-(CH<sub>2</sub>)<sub>p</sub>- is attached at either the 3 or 4 position in the phenyl ring as indicated by the numbers in formula I and represents a group selected from one or more of the following: O(CH<sub>2</sub>)<sub>2</sub>, O(CH<sub>2</sub>)<sub>3</sub>, NCO(NR<sup>4</sup>(CH<sub>2</sub>)<sub>2</sub>, CH<sub>2</sub>S(O<sub>2</sub>)NR<sup>5</sup>(CH<sub>2</sub>)<sub>2</sub>, CH<sub>2</sub>N(R<sup>6</sup>)CO(CH<sub>2</sub>), (CH<sub>2</sub>)<sub>2</sub>N(R<sup>6</sup>)C(O)(CH<sub>2</sub>)<sub>2</sub>, C(O)NR<sup>7</sup>CH<sub>2</sub>, C(O)NR<sup>7</sup>(CH<sub>2</sub>)<sub>2</sub>, and CH<sub>2</sub>N(R<sup>6</sup>)CO(O)CH<sub>2</sub>O;

V represents O;

q represents 1;

W represents a single bond;

R<sup>2</sup> represents halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>acyl group, aryl, an arylC<sub>1-4</sub>alkyl group, CN or NO<sub>2</sub>;

r represents 0, 1, 2 or 3;

R<sup>3</sup> represents halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>acyl group, aryl, an arylC<sub>1-4</sub>alkyl group, or CN;

s represents 0, 1, 2 or 3; and

R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> independently represent H, a C<sub>1-10</sub>alkyl group, aryl or an arylC<sub>1-4</sub>alkyl group or when m is 0 and T represents a group N(R<sup>6</sup>)C(O) or a group (R<sup>5</sup>)NS(O)<sub>2</sub> then R<sup>1</sup> and R<sup>6</sup> or R<sup>1</sup> and R<sup>5</sup> together with the nitrogen atom to which they are attached represent a heteroaryl group;

or a pharmaceutically acceptable salts thereof;

with the proviso that:

1) when R<sup>1</sup> is phenyl optionally substituted by one or two groups independently selected from halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro;

m is 1;

T is N(R<sup>6</sup>)C(O) wherein R<sup>6</sup> represents a C<sub>2-8</sub>alkyl group which is optionally interrupted by oxygen;

n is 1;

U is absent or represents methylene;

p is 0;

r is 0;

V is O;

q is 1; and

W is a single bond attached to the position ortho to the carboxylic acid group;

then s does not represent 0;

wherein the group -V-(CH<sub>2</sub>)<sub>q</sub>-W- is joined at the ortho position with respect to the carboxylic acid group.

7-8. (canceled).

9. (previously presented) A compound selected from one or more of the following:

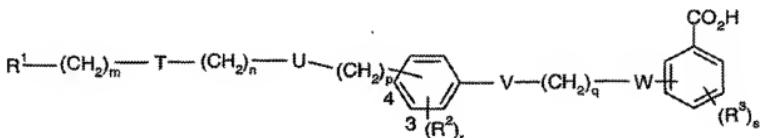
2-[{4-(2-oxo-2-{{[4-(trifluoromethyl)benzyl]amino}ethyl}phenoxy)methyl}benzoic acid;

2-[{3-[2-[benzyl(hexyl)amino]-2-oxoethyl]phenoxy}methyl]benzoic acid;  
2-{[3-[2-oxo-2-{[4-(trifluoromethyl)benzyl]amino}ethyl]phenoxy}methyl]benzoic acid;  
2-[{4-{3-[{2-[3,4-dimethoxyphenyl]ethyl}(methyl)amino]-3-oxopropyl}phenoxy}-  
15 methyl]benzoic acid;  
2-[{4-{2-[{4-methyl-2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-5-yl}carbonyl]amino}-  
ethyl]phenoxy)methyl]benzoic acid;  
2-{[4-{2-{[(2,4-difluorophenyl)amino]carbonyl}amino}ethyl]phenoxy}methyl]benzoic  
acid;  
2-[{4-{2-[{2-methyl-5-phenyl-3-furoyl}amino]ethyl}phenoxy}methyl]benzoic acid;  
2-[{4-{2-[{benzylsulfonyl}amino]ethyl}phenoxy}methyl]benzoic acid;  
2-[{4-{2-[benzyl(hexyl)amino]-2-oxoethyl}-2-fluorophenoxy}methyl]benzoic acid;  
2-[{4-{2-[benzyl(hexyl)amino]-2-oxoethyl}-2-methoxyphenoxy}methyl]benzoic acid;  
2-{[4-{3-[3,4-dihydroisoquinolin-2(1H)-yl]-3-oxopropyl}phenoxy}methyl]benzoic acid;  
2-[{4-{2-[4-(1H-imidazol-1-yl)phenoxy]ethyl}phenoxy}methyl]benzoic acid;  
2-{[4-{2-{4-[{methylsulfonyl}oxy]phenoxy}ethyl}phenoxy}methyl]benzoic acid;  
2-[{3-{2-[4-(benzyloxy)phenoxy]ethyl}phenoxy}methyl]benzoic acid;  
2-{[3-{2-{4-[{methylsulfonyl}oxy]phenoxy}ethyl}phenoxy}methyl]benzoic acid;  
2-{[3-{2-(4-hydroxyphenoxy)ethyl}phenoxy}methyl]benzoic acid;  
2-[{4-{3-[4-(benzyloxy)phenoxy]propyl}phenoxy}methyl]benzoic acid;  
2-{[4-{3-{4-[{methylsulfonyl}oxy]phenoxy}propyl}phenoxy}methyl]benzoic acid;  
2-{[4-{3-(4-hydroxyphenoxy)propyl}phenoxy}methyl]benzoic acid;  
2-{[4-{3-{2-[2-ethoxyphenyl]ethyl}amino]-3-oxopropyl}phenoxy}methyl]benzoic  
acid;  
2-[{4-{3-[ethyl(2-pyridin-2-ylethyl)amino]-3-oxopropyl}phenoxy}methyl]benzoic acid;  
2-{[4-{2-{heptyl}[2-(2-methoxyphenyl)ethyl]amino}-2-oxoethyl]phenoxy}methyl]benzoic  
acid;  
2-[{4-{2-[{2-(4-chlorophenyl)ethyl}(heptyl)amino]-2-oxoethyl}phenoxy}methyl]benzoic  
acid; and  
2-[{4-{2-[ethyl(2-fluorobenzyl)amino]-2-oxoethoxy}phenoxy}methyl]benzoic acid;

or a pharmaceutically acceptable salt thereof.

10. (currently amended) A pharmaceutical formulation comprising a compound according to claim 4 claim 6 in admixture with a pharmaceutically acceptable adjuvant, diluent, and/or carrier.

11. (currently amended) A method of treating insulin resistance comprising the administration of a compound according to claim 4 to a mammal in need thereof, wherein the compound is of formula I



I

wherein:

R¹ represents aryl optionally substituted by a heterocyclic group or a heterocyclic group optionally substituted by aryl wherein each aryl or heterocyclic group is optionally substituted by one or more of the following groups:

a C<sub>1-6</sub>alkyl group;

a C<sub>1-6</sub>acyl group;

arylC<sub>1-6</sub>alkyl, wherein the alkyl, aryl, or alkylaryl group is optionally substituted by one or more R<sup>b</sup>;

halogen;

-CN and NO<sub>2</sub>;

-NR<sup>c</sup>COOR<sup>a</sup>;

-NR<sup>c</sup>COR<sup>a</sup>;

-NR<sup>c</sup>R<sup>a</sup>;

-NR<sup>c</sup>SO<sub>2</sub>R<sup>d</sup>;

-NR<sup>c</sup>CONR<sup>k</sup>R<sup>e</sup>;

-NR<sup>c</sup>CSNR<sup>a</sup>R<sup>k</sup>,  
-OR<sup>a</sup>,  
-OSO<sub>2</sub>R<sup>d</sup>,  
-SO<sub>2</sub>R<sup>d</sup>,  
-SOR<sup>d</sup>,  
-SR<sup>c</sup>,  
-SO<sub>2</sub>NR<sup>a</sup>R<sup>f</sup>,  
-SO<sub>2</sub>OR<sup>a</sup>,  
-CONR<sup>c</sup>R<sup>a</sup>,  
-OCONR<sup>f</sup>R<sup>a</sup>,

wherein R<sup>a</sup> represents H, a C<sub>1-6</sub>alkyl group, aryl or arylC<sub>1-6</sub>alkyl group wherein the alkyl, aryl or arylC<sub>1-6</sub>alkyl group is optionally substituted one or more times by R<sup>b</sup>, wherein R<sup>b</sup> represents C<sub>1-6</sub>alkyl, aryl, arylC<sub>1-6</sub>alkyl, cyano, -NR<sup>c</sup>R<sup>d</sup>, =O, halo, -OH, -SH, -OC<sub>1-4</sub>alkyl, -Oaryl, -OC<sub>1-4</sub>alkylaryl, -COR<sup>c</sup>, -SR<sup>d</sup>, -SOR<sup>d</sup>, or -SO<sub>2</sub>R<sup>d</sup>, wherein R<sup>c</sup> represents H, C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl and R<sup>d</sup> represents C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl;

wherein R<sup>f</sup> represents hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>acyl, aryl, arylC<sub>1-4</sub>alkyl and R<sup>a</sup> is as defined above; and

R<sup>k</sup> represents hydrogen, C<sub>1-4</sub>alkyl, aryl, aryl C<sub>1-4</sub>alkyl;

the group -(CH<sub>2</sub>)<sub>m</sub>T-(CH<sub>2</sub>)<sub>n</sub>-U-(CH<sub>2</sub>)<sub>p</sub>- is attached at either the 3 or 4 position in the phenyl ring as indicated by the numbers in formula I and represents a group selected from one or more of the following: O(CH<sub>2</sub>)<sub>2</sub>, O(CH<sub>2</sub>)<sub>3</sub>, NCO(NR<sup>4</sup>(CH<sub>2</sub>)<sub>2</sub>, CH<sub>2</sub>S(O<sub>2</sub>)NR<sup>5</sup>(CH<sub>2</sub>)<sub>2</sub>, CH<sub>2</sub>N(R<sup>6</sup>)CO(CH<sub>2</sub>), (CH<sub>2</sub>)<sub>2</sub>N(R<sup>6</sup>)C(O)(CH<sub>2</sub>), C(O)NR<sup>7</sup>CH<sub>2</sub>, C(O)NR<sup>7</sup>(CH<sub>2</sub>)<sub>2</sub>, and CH<sub>2</sub>N(R<sup>6</sup>)CO(O)CH<sub>2</sub>O;

V represents O;

q represents 1;

W represents a single bond;

R<sup>2</sup> represents halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>acyl group, aryl, an arylC<sub>1-4</sub>alkyl group, CN or NO<sub>2</sub>;

r represents 0, 1, 2 or 3;

R<sup>3</sup> represents halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>acyl group, aryl, an arylC<sub>1-4</sub>alkyl group, or CN;

s represents 0, 1, 2 or 3; and

R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> independently represent H, a C<sub>1-10</sub>alkyl group, aryl or an ary|C<sub>1-4</sub>alkyl group or when m is 0 and T represents a group N(R<sup>6</sup>)C(O) or a group (R<sup>5</sup>)NS(O<sub>2</sub>) then R<sup>1</sup> and R<sup>6</sup> or R<sup>1</sup> and R<sup>5</sup> together with the nitrogen atom to which they are attached represent a heteroaryl group;

or a pharmaceutically acceptable salts thereof;

with the proviso that:

1) when R<sup>1</sup> is phenyl optionally substituted by one or two groups independently selected from halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro,

is C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro;

m is 1;

T is N(R<sup>6</sup>)C(O) wherein R<sup>6</sup> represents a C<sub>2-8</sub>alkyl group which is optionally interrupted by oxygen;

n is 1;

U is absent or represents methylene;

p is 0;

r is 0;

V is O;

q is 1; and

W is a single bond attached to the position ortho to the carboxylic acid group;  
then s does not represent 0.

12-14. (canceled).

15. (new) The method of claim 11 wherein the group -V-(CH<sub>2</sub>)<sub>q</sub>-W- of the compound is joined at the ortho position with respect to the carboxylic acid group.

16. (new) The method of claim 11 wherein the compound is chosen from:  
2-{[4-(2-oxo-2-{[4-(trifluoromethyl)benzyl]amino}ethyl]phenoxy]methyl}benzoic acid;  
2-{[3-{2-[benzyl(hexyl)amino]-2-oxoethyl}phenoxy)methyl}benzoic acid;  
2-{[3-(2-oxo-2-{[4-(trifluoromethyl)benzyl]amino}ethyl]phenoxy]methyl}benzoic acid;  
2-{[4-{3-[[2-(3,4-dimethoxyphenyl)ethyl](methyl)amino]-3-oxopropyl}phenoxy]-  
15 methyl}benzoic acid;  
2-[(4-{2-[(4-methyl-2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-5-yl)carbonyl]amino}-  
ethyl]phenoxy)methyl]benzoic acid;  
2-{[4-{2-([(2,4-difluorophenyl)amino]carbonyl}amino)ethyl]phenoxy}methyl]benzoic  
acid;  
2-[(4-{2-[(2-methyl-5-phenyl-3-furoyl)amino]ethyl}phenoxy)methyl]benzoic acid;  
2-[(4-{2-[(benzylsulfonyl)amino]ethyl}phenoxy)methyl]benzoic acid;  
2-[(4-{2-[benzyl(hexyl)amino]-2-oxoethyl}-2-fluorophenoxy)methyl]benzoic acid;  
2-[(4-{2-[benzyl(hexyl)amino]-2-oxoethyl}-2-methoxyphenoxy)methyl]benzoic acid;  
2-{[4-{3-(3,4-dihydroisoquinolin-2(1H)-yl)-3-oxopropyl}phenoxy)methyl}benzoic acid;  
2-[(4-{2-[4-(1H-imidazol-1-yl)phenoxy]ethyl}-phenoxy)methyl]benzoic acid;  
2-[(4-{2-{4-[(methylsulfonyl)oxy]phenoxy}ethyl}phenoxy)methyl]benzoic acid;  
2-[(3-{2-[4-(benzyloxy)phenoxy]ethyl}phenoxy)methyl]benzoic acid;  
2-{[3-{2-{4-[(methylsulfonyl)oxy]phenoxy}ethyl}phenoxy]methyl}benzoic acid;  
2-({3-2-4-hydroxyphenoxy}ethyl]phenoxy)methyl]benzoic acid;  
2-[(4-{3-{4-(benzyloxy)phenoxy}propyl}phenoxy)methyl]benzoic acid;  
2-{[4-{3-{4-[(methylsulfonyl)oxy]phenoxy}propyl}phenoxy]methyl}benzoic acid;  
2-{[4-{3-(4-hydroxyphenoxy)propyl}phenoxy]methyl}benzoic acid;  
2-{[4-(3-{2-(2-ethoxyphenyl)ethyl]amino}-3-oxopropyl)phenoxy]methyl}benzoic  
acid;  
2-[(4-{3-[ethyl(2-pyridin-2-ylethyl)amino]-3-oxopropyl}phenoxy)methyl]benzoic acid;  
2-{[4-(2-{heptyl}[2-(2-methoxyphenyl)ethyl] amino)-2-oxoethyl]phenoxy]methyl}  
benzoic acid;  
2-[(4-{2-[[2-(4-chlorophenyl)ethyl](heptyl)amino]-2-oxoethyl}phenoxy)methyl]benzoic  
acid;

2-[(4-{2-[heptyl(2-phenylethyl)amino]-2-oxoethyl}phenoxy)methyl]benzoic acid; and  
2-[(4-{2-[ethyl(2-fluorobenzyl)amino]-2-oxoethoxy}phenoxy)methyl]benzoic acid;  
or a pharmaceutically acceptable salt thereof.

17. (new) The method of claim 11 wherein R<sup>1</sup> represents phenyl which is optionally substituted by one or more of the following: halo, hydroxy, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro, benzloxy, a C<sub>1-4</sub>alkylsulphonyloxy group, phenyl or a heteroaryl group, or R<sup>1</sup> represents heteroaryl which is optionally substituted by one or more of the following: halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro or phenyl optionally substituted by one or more of the following: halo, a C<sub>1-4</sub>alkyl group which is optionally substituted by one or more fluoro, a C<sub>1-4</sub>alkoxy group which is optionally substituted by one or more fluoro.

18. (new) The method of claim 11 wherein the group -(CH<sub>2</sub>)<sub>m</sub>-T-(CH<sub>2</sub>)<sub>n</sub>-U-(CH<sub>2</sub>)<sub>p</sub>- is attached at the 4 position in the phenyl ring as indicated by the numbers in formula I, that is para to the group V.

19. (new) The method of claim 11 wherein R<sup>2</sup> is halo, a C<sub>1-4</sub>alkyl group or a C<sub>1-4</sub>alkoxy group and r is 0 or 1.

20. (new) The method of claim 11 wherein s is 0.